

Underground
RECOMMENDED MINIMUM SAFETY PRECAUTIONS
to mine within 200 feet of Gas and Oil Assets
(Gas / Oil Wells, Gas Pipelines, and Transmission Lines)

1. Pursuant to 45.1- 161.121, copies of the notification have been submitted to the Well operator and the Gas and Oil Inspector by certified mail, return receipt requested (copies attached). Additionally, the information below describes the procedures for safely mining in the proximity to the above mentioned wells as required by 45.1-161-121 (D).
2. A certified map has been reviewed with mine management who concurs with the mine development projections and is familiar with the location of the gas asset(s) that is in the proximity of planned mine development.
3. All mine employees will be trained in the content of this notification and the location of gas assets in relation to mine development. Further, all mine employees will be trained in the potential hazards associated with operating equipment around gas assets. A record of such training will be made and kept at the mine site for not less than one year. Such record will include the trainer and the name of individuals trained.
4. All employees will be trained in proper emergency response procedures, including mine evacuation, should a gas well or pipeline be accidentally damaged or ruptured. A record of such training will be made and kept at the mine site for not less than one year. Such record will include an outline of the procedures, the trainer and the name of individuals trained.
5. A certified map will be posted at the mine office in a location where all underground personnel, on each shift, can review the location of gas assets in conjunction with future mine develop or equipment maintenance activities.
6. If underground mine development does not meet minimum requirements under Virginia Administrative Code 4 VAC 25-101-170, **additional** safety precautions will be followed as if the intent were to mine through the gas well or gas assets.

UNDERGROUND
RECOMMENDED MINIMUM SAFETY PRECAUTIONS
to mine near or through Gas and Oil Assets
(Gas / Oil Wells, Gas Pipelines, and Transmission Lines)

1. The following standards are in addition to those recommendations to mine within 200 feet of Gas and Oil Assets or Vertical Ventilation Holes (VVH).
2. The Division of Mines (DM) Field Inspector assigned to the mine and his/her area supervisor will be notified so as to afford an opportunity for DM representation during mine development activity near or through a gas well or other gas asset.
3. No persons except those necessary to conduct the mining will be in the mine during the period of mining near or through the gas well or VVH.
4. Notification will be given to mine rescue teams who provide coverage at this mine that such activity will be conducted.
5. Prior to the mine development activities, rock dust will be applied to the roof, ribs, and floor prior to mining through the gas well or VVH.
6. Communications will be established between the outside and the face area where mining through or near the plugged gas well or VVH is conducted and between the face area and the section power center.
7. Ventilation will be maximized in the entry where the mining through is to be conducted.
8. Permissibility of the continuous miner will be checked and the methane monitor calibrated immediately prior to mining through the gas well or VVH.
9. Methane levels will be continuously monitored during the mining through.
10. A miner will be stationed at the section power center during the mining through process in order to immediately shut the power off should excessive methane quantities be encountered.
11. The plan will be reviewed with all personnel involved in the mining through.